

CASTER REPLACEMENT KIT FOR SKU 90154 TRAILER

Model 87616

Distributed exclusively by Harbor Freight Tools®.

3491 Mission Oaks Blvd., Camarillo, CA 93011

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SAVE THESE INSTRUCTIONS. READ ALL PRECAUTIONS AND INSTRUCTIONS.

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For technical questions or replacement parts, please call 1-800-444-3353.

SPECIFICATIONS

Part	Quantity
3" Diameter Casters	4
1/2"x20 TPI Nylock Nuts	4
1/2" Flat Washers	4

Tools Required

- (1 pc.) 12 mm. wrench.
- (1 pc.) 13 mm. socket.
- (1 pc.) 13/16 in. wrench.
- (1 pc.) 3/4 in. socket.
- (1 pc.) 3/8 in. drive ratchet.
- (1 pc.) 12 in. Groove-joint pliers.
- (1 pc.) Step-drill or 1/2 in. diameter drill bit for drilling metal.
- (1 pc.) 1/2 in. chuck capacity drill.

UNPACKING

When unpacking, check to make sure that the item is intact and undamaged. If any parts are missing or broken, please call Harbor Freight Tools at the number shown on the cover of this document as soon as possible.

Assembly Precautions

1. Assemble only according to these instructions. Improper assembly can create hazards.
2. Wear ANSI-approved safety goggles and heavy-duty work gloves during assembly.
3. Keep assembly area clean and well lit.

4. Keep bystanders out of the area during assembly.
5. Do not assemble when tired or when under the influence of drugs or medication.

Use Precautions

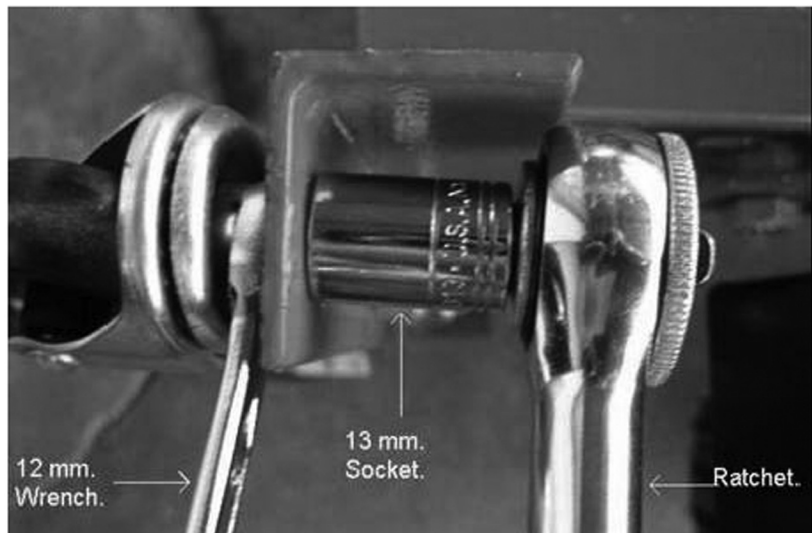
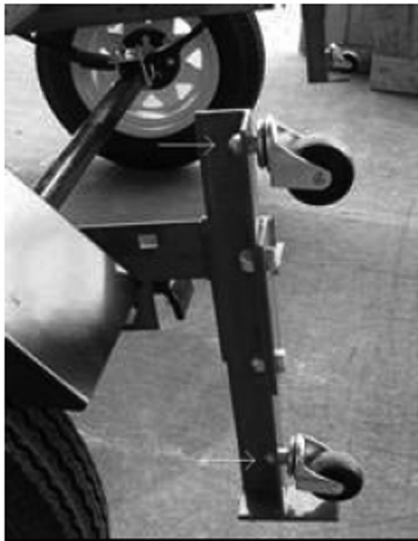
1. This product is not a toy. Do not allow children to play with or near this item.
2. Use for intended purpose(s) only.
3. Inspect before use; do not use if parts loose or damaged.
4. Maintain product labels and nameplates. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement. Assembly Instructions

Assembly

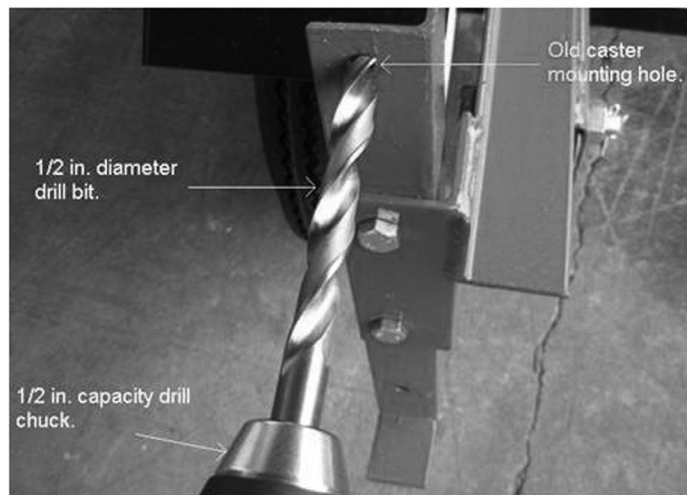
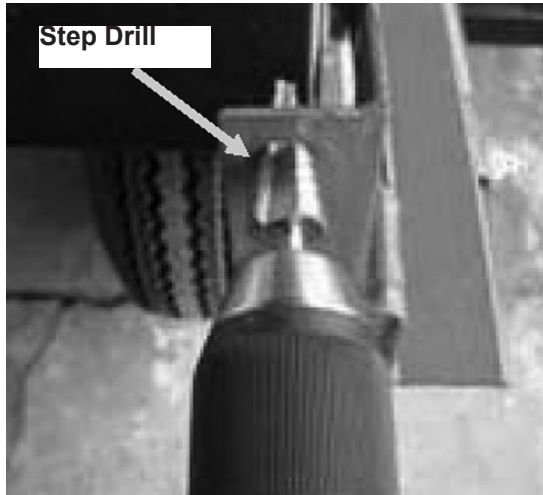


In order to avoid property damage or injury; this procedure must be performed with the trailer in the transport position (resting horizontally on the tongue and street tires) and the street tires chocked.

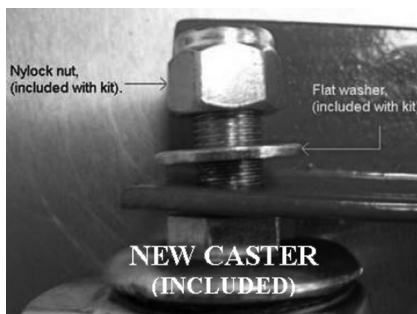
1. Remove the old casters from the caster base, (30L & 30R) using a 13 mm. socket with ratchet and a 12 mm. wrench. (See figures below).



2. Using step drill and $\frac{1}{2}$ " drill bit (not included), enlarge the old caster mounting holes to $\frac{1}{2}$ ". (See figures below).



3. Insert the new casters into the enlarged mounting holes then secure them using the flat washers and nylock nuts included with the kit. (See figure below).
4. Using a $\frac{3}{4}$ " socket with ratchet and a 13/16 in. wrench tighten the nylock nuts installed onto the casters in step number 3. (See figure above).



5. If the 13/16" wrench gets wedged between the caster and caster base while tightening the nylock nut, loosen the nylock nut just enough to remove the wrench. Then use a pair of groove-joint pliers, to grip the bearing apron on the caster in order to tighten the nylock nut. (See figure above).